

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6081560
<b>Application Number:</b>	10701007
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	5641
<b>Title of Invention:</b>	Compositions comprising alternating 2'-modified nucleosides for use in gene modulation
<b>First Named Inventor/Applicant Name:</b>	Charles Allerson
<b>Customer Number:</b>	32650
<b>Filer:</b>	Jane E. Inglese/Judith Komala
<b>Filer Authorized By:</b>	Jane E. Inglese
<b>Attorney Docket Number:</b>	ISIS-5325
<b>Receipt Date:</b>	16-SEP-2009
<b>Filing Date:</b>	04-NOV-2003
<b>Time Stamp:</b>	11:43:31
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	Hoffman_TheChemistryofHeterocyclicCompounds_447.PDF	16842905 6ee1ac86312e4de16692cf60b988eaa57a2a531c	no	232

### Warnings:

### Information:

2	NPL Documents	Hornbeck_CurrProtMolBiol_1991.PDF	1436320	no	22
			dc77801815573e5f8d4fa1a9b13949b8734fc94		
Warnings:					
Information:					
3	NPL Documents	Hornung_NatMed_2005_263-270.PDF	829342	no	8
			6b7014f1082dcc9c5ddeae95ee9c01c368e8a2cd		
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4	NPL Documents	Horton_JMolBiol_521-533.PDF	1176176	no	14
			d10ef4cd931617a9a6be6174f08feddba80d0bfb		
Warnings:					
Information:					
5	NPL Documents	Huang_JBiollnorgChem_85-92.PDF	841035	no	8
			76711fe32f803392681385729720a07f520c3f29		
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6	NPL Documents	Huh_BioconjugateChem_659-669.PDF	1590322	no	11
			0bbe15c25266d91157e48e1ca1909eddb57e7513		
Warnings:					
Information:					
7	NPL Documents	Hunter_CurrentBiology_R440-R442.PDF	165076	no	3
			68fadcd317e469fe5bbd3e6d6ba66da3ae991a52		
Warnings:					
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8	NPL Documents	Hyrup_BioorgMedChem_5-23.PDF	1928805	no	20
			9388b4b4cb0d00ac1acf849e39a6cf80673da91b		
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9	NPL Documents	Ikehara_Tetrahedron_1369-1372.PDF	459867	no	5
			58ec9155b545ce2dee5b82d6d6523b9c348ec78c		
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10	NPL Documents	Ikehara_ChemPharmBull_3281-3285.PDF	560690	no	6
			0a23c6431e1adda730fbd00ea4fdd10325a97980		
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11	NPL Documents	Ikehara_TetrahedronLetts_1979_4073-4076.PDF	254842	no	4
			07fafd446fcd7f1fb29412410489d769c129db55		
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12	NPL Documents	Ikehara_Nucleosides_1983_373-385.PDF	606560	no	7
			710874e2337ac8b96b690d96f78490780dc1759		
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13	NPL Documents	Ikehara_NuclAcidsRes_4249-4260.PDF	985118	no	12
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14	NPL Documents	Ikehara_NuclAcidRes_1978_1877-1887.PDF	308974	no	6
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15	NPL Documents	Ikehara_NuclAcidsRes_3315-3324.PDF	406525	no	6
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17	NPL Documents	Ikehara_Tetrahedron_1133-1138.PDF	635787	no	6
			864ca9e6d97afb3b0b128a73c443fdd2c26f2925		
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18	NPL Documents	Ikehara_ChemPharmBull_2449-2453.PDF	554792	no	5
			fbec19244bc29fbd260b7b8b6be17939c95d228		
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19	NPL Documents	Ikehara_Heterocycles_1984_75-90.PDF	323781	no	9
			2137c4b80cc0c806cf03389185cdcbdd161fda22		
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20	NPL Documents	Imazawa_ChemPharmBull_604-610.PDF	1143290	no	7
			9f68639286a0d8e632b724e610263973b351aeb1		
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21	NPL Documents	Inoue_FEBSLett_327-330.PDF	239746	no	4
			d2e0493de6beb4742b2d81a1bce3a6898060eeae		
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22	NPL Documents	Inoue_NuclAcidRes_6131-6148.PDF	756715	no	18
			bfb6a96b3fe82fb3d5b23fdfeb60b6e56cdc7b0		
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23	NPL Documents	ISR_PCTUS0329294.PDF	87869	no	2
			4da9bc80b31da7c073bd3b449d4e036a72f2e236		
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24	NPL Documents	ISR_PCTUS0335088.PDF	190017	no	4
			91190a0cd4acbec1d3f45fdd68062c27304da8db		
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25	NPL Documents	Jacobson_JMedChem_2196-2203.PDF	772587	no	8
			5392ad5f79044f9aef5bf6ca2ab211643c9bbdd1		
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26	NPL Documents	Jager_Biochem_7237-7246.PDF	1119502	no	10
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27	NPL Documents	Janik_BiochemBiophysResComm_1972_1153-1160.PDF	785640	no	8
			0473830a3b057946bdce7c49f5094e3163e79080		
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28	NPL Documents	Jarvi_NucleosidesNucleotides_1111-1114.PDF	424740	no	4
			7f06679fade8a66d993c291064e7bed8b577323e		
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29	NPL Documents	Jaschke_NuclAcidsRes_4810-4817.PDF	760036	no	8
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			2bb0c00d29195f0ab8ed7920f21f5ada663b824e		
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33	NPL Documents	Jones_JAmChemSoc_1982_1316-1319.pdf	666931	no	4
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35	NPL Documents	Jones_JCSPerkin1_1979_2762-2764.PDF	255988	no	4
			a7eb4db4a14c8cd128c8b387bb360132907c88aa		
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36	NPL Documents	Jorgensen_PlantMolBiol_957-973.PDF	1229103	no	17
			38e4de59010fa54d34a99cfdcf0276ccfe1076d8		
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37	NPL Documents	Juby_TetrahedLett_879-882.PDF	377913	no	4
			3a8355ff95c88986aa91d5c343898497be584bd6		
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38	NPL Documents	Jungblut_Electrophor_1999_2100-2110.PDF	1159629	no	11
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39	NPL Documents	Jurecic_CurrOpinMicrobiol_2000_316-321.PDF	656452	no	6
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Warnings:					
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40	NPL Documents	Kabanov_FEBSLetts_1990_327-330.PDF	383730	no	4
			3adb2aa2e0cd0965edd6ce6a294e78e1890e7562		
Warnings:					
Information:					
Total Files Size (in bytes):			45172526		

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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**